

WORD PROBLEM PRACTICE

The profit (P) an ice cream store makes in one day when producing x gallons of ice cream is given by the equation $P = 60x - 420$. For what value of x is the store's profit equal to 0?

The equation below represents the cost (y) of having your yard landscaped by a certain company that charges according to the number of hours (x) the job takes.

$$y = 250 + 55x$$

Mary paid \$415 to have her yard landscaped. How many hours did the crew spend in her yard?

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